

Title (en)
APPARATUS FOR COOLING FOOD

Title (de)
VORRICHTUNG ZUM KÜHLEN VON LEBENSMITTELN

Title (fr)
DISPOSITIF DE REFROIDISSEMENT DE PRODUITS ALIMENTAIRES

Publication
EP 1797382 B1 20091111 (DE)

Application
EP 05791055 A 20050926

Priority

- EP 2005010379 W 20050926
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- DE 102005014742 A 20050331

Abstract (en)
[origin: US2008010999A1] An apparatus for cooling food, in particular water-based beverages, includes a cold accumulator (6) that contains a phase transition material. A conduit (8) for a water-based liquid that is to be chilled is guided through the cold accumulator (6). Also provided is a device (2) for dissipating heat from the cold accumulator (6). In order to make such an apparatus less expensive, easier to produce, and more effective, the cold accumulator (6) is made from a composite material containing expanded graphite and a phase transition material that undergoes a solid-liquid phase transition at or above 273 K.

IPC 8 full level
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C09K 5/066 (2013.01 - EP US); **F25D 3/00** (2013.01 - EP US); **F25D 31/002** (2013.01 - EP US); **F28D 20/023** (2013.01 - EP US); **F25B 21/04** (2013.01 - EP US); **F25D 2303/085** (2013.01 - EP US); **Y02E 60/14** (2013.01 - EP US)

Cited by
EP1816176A3; EP3489597A1

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US 2008010999 A1 20080117; AT E448455 T1 20091115; AU 2005289132 A1 20060406; BR PI0516133 A 20080826; CA 2585464 A1 20060406; DE 102005014742 A1 20060406; DE 502005008503 D1 20091224; EP 1797382 A1 20070620; EP 1797382 B1 20091111; HK 1108732 A1 20080516; JP 2008514892 A 20080508; NO 20072207 L 20070427; NZ 554149 A 20100930; WO 2006034829 A1 20060406

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